carbonTRACK®
INTELLIGENT ENERGY MANAGEMENT

A smart energy ecosystem

Welcome to the digital age of energy management, where you remotely monitor, control and optimise energy consumption, generation and storage.

With carbonTRACK, you are in control as it coordinates your energy ecosystem, including solar, battery storage, and load shifting.

carbonTRACK ensures that the overall energy ecosystem is working optimally, minimises energy waste, and assists with load-shedding.

Save with real-time energy insights

See how much energy you use and produce, right down to which appliances are using the most power. Leverage these insights to make informed decisions on what loads to shift and at which time.

Automate your building

Set your preferences and let carbonTRACK run appliances, equipment or circuit-level loads based on available solar and the availability of grid energy. Turn appliances, equipment and circuits on and off remotely or set schedules; transform your building into a 'smart building'.

Manage Load- Shedding

Use carbonTRACK's scheduling capability to manage load-shedding and shave peaks during peak demand times.

Digitise your energy ecosystem

carbonTRACK digitises your energy ecosystem - including solar and battery storage. It ensures that they are all working harmoniously. Your battery is charged/discharged in line with your energy requirements, not just the availability of solar.

Optimise your solar system

Access generation information in real-time and set-up alerts for system faults or drop in generation. Maximise self-consumption during the solar umbrella with carbonTRACK's Green Circuit.

Be **future**-ready

With carbonTRACK, your energy ecosystem is digital. You can shift loads, change preferences between essential and non-essentials loads and re-prioritise loads at any time. Peak demand management & battery optimisation is available remotely.

24/7 energy tracking

Available on iOS and Android

Safe and secure data transfer

Local support

Battery ready

Take back control with carbonTRACK

The technology ensures that all components of the energy ecosystem are working efficiently and provides remote insight and control to effectively manage loads.

Manage your smart building ecosystem with the following:

Smart Hub

Central point of command

It all starts with the carbonTRACK Smart Gateway. Core capabilities includes:

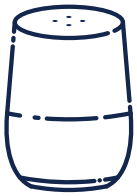
- **In-depth insights- access real-time reports on electricity use, generation and storage**
- **Circuit level switching- manage heavy loads remotely or let carbonTRACK choose the optimal time to run them**
- **System alerts- create customised alerts**

Smart Plugs

For plug-and-play appliances

Plug any appliance / equipment into a Smart Plug to remotely monitor and control its use.

Google Home



Voice-controlled automation

Turn appliances on and off and ask Google Home how much electricity was used today.

Climate Command

Communicate with your split-system

Manage your infra-red controlled unit remotely from your phone: set the room temperature and switch between heating, cooling and automation cooling.

Smart Thermostat

Communicate with HVAC systems

Manage your HVAC system remotely from your phone: monitor and set the temperatures and switch between heating, cooling and automation cooling.

ZigBee

Make more connections

carbonTRACK is a ZigBee Alliance member. Our technology is compatible with most ZigBee HA 1.2 compliant devices such as smart locks and environmental sensors.

carbonTRACK Africa case studies:
https://carbontrack.com.au/africa

carbonTRACK®
INTELLIGENT ENERGY MANAGEMENT

Join the Digital Age of Energy Management

+27 64 504 3833
info@carbontrack.co.za